

Meeting Minute Approval Sheet

**222-S Project Managers Meeting & Misc. Lab Issues
(TSD: TS-2-1)**

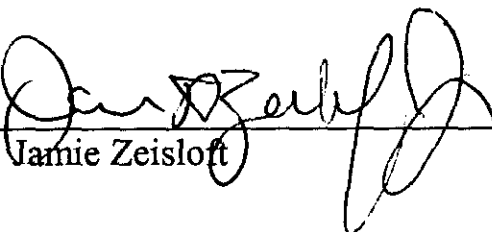
Ecology Offices, Kennewick, Washington

July 5, 2001

2:00 – 2:30 p.m.

RECEIVED
AUG 30 2001
EDMC

DOE:


Jamie Zeisloft

7/26/01

Date

ECOLOGY:


Fred Jamison

7/26/01

Date

MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Lab Issues (TSD:TS-2-1)
07/05/2001

Meeting Attendees:

Tracy Gao, Ecology
Fred Jamison, Ecology

Jamie Zeisloft, RL
Lucinda Borneman, FH

Introduction:

Jamie Zeisloft called the meeting to order at 2:00 p.m. Mr. Zeisloft expressed his thanks for moving the June TPA Project Managers' Meeting from June 28, 2001, to July 5, 2001.

Approval of Previous Meeting Minutes:

Ecology approved the May 3, 2001, meeting minutes. RL related that their approval was more problematic since they were not in attendance at that meeting. RL will determine the protocol for meeting minute approval when a party is not present.

Status of Action Items:

AS-00-009: Ms. Ellen Dagan of the RL TPA organization has been assigned the lead to process this change package. Ms. Dagan will coordinate with the RL Programs and Ecology Program Manager as the TPA Change Request proceeds through review.

Status: Closed

222-S Laboratory TSD Issues

Ecology provided a copy of the notice of the public comment period for Modification F to the Hanford Site Dangerous Waste Permit. This public comment period will be for the 222-S Laboratory's RCRA permit. The public comment period will begin on July 25, 2001, and ends on September 10, 2001.

222-S Laboratory Operations:

The 222-S Operations report (attached) was presented by Lucinda Borneman.

ACTION: Find out about the Occurrence Reporting process, how Occurrences are closed out, and how Ecology accesses final status occurrence reports.

ACTIONEE: Jamie Zeisloft

DUE DATE: July 26, 2001

WSCF Laboratory Operations:

The WSCF monthly operations report (attached) was presented by Lucinda Borneman.

Miscellaneous Issues

Ecology requested the internet addresses for accessing the report from 222-S Fluor Hanford Facility Evaluation Board (FEB) and the RL Chemical Management Report.

ACTION: Provide internet addresses for accessing the 222-S FEB report and the RL Chemical Management Report.

ACTIONEE: Lucinda Borneman

DUE DATE: August 23, 2001

Ecology related that the Ecology attorney was reviewing the RL/FH request for relief from penalty resulting from the March 23, 2001, Notice of Correction.

Review of New Action Items:

Two new action items were assigned during this meeting.

AS-01-01: Find out about the Occurrence Reporting process, how Occurrences are closed out, and how Ecology accesses final status occurrence reports.

ACTIONEE: Jamie Zeisloft

DUE DATE: July 26, 2001

AS-01-02: Provide internet addresses for accessing the 222-S FEB report and the RL Chemical Management Report.

ACTIONEE: Lucinda Borneman

DUE DATE: August 23, 2001

Next Meeting: July 26, 2001, 9:30 am, 2704 HV.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
7/05/01

Attachment 1
List of Attendees
Action Items

222-S Project Managers Meeting & Misc. Lab Issues

Ecology's Kennewick Office

July 5, 2001

2:00 – 2:30 p.m.

Draft Agenda

- I. Introductions
- II. Approval of Previous Meeting Minutes
- III. Status of Action Items
- IV. 222-S TSD Issues
 - Mod F
- V. 222-S Laboratory
 - Operations Report
 - Collodion NOC Report
- VI. WSCF Laboratory
 - Operations Report
- VII. Misc. Issues
- VIII. Review of New Action Items

2:00 – 2:30 p.m.

ATTENDEES

[illegible]

222-S Laboratory's Treatment Tanks and
Storage Buildings (TSD: TS-2-1)
and Miscellaneous Laboratory Topics

| TRACKING NUMBER | DATE ASSIGNED | FACILITY | ACTION | ACTIONEE | DUE DATE [Target=T, Mandatory=M] | STATUS |
|--------------------|------------------|----------|--|-------------|--|--------|
| | | | | | | |
| AS-01-02 | 7/5/01 | ALL | Provide internet addresses for accessing the 222-S FEB report and the RL Chemical Management Report. | L. Borneman | 8/23/01 | NEW |
| AS-01-01 | 7/5/01 | ALL | Find out about the Occurrence Reporting process, how Occurrences are closed out, and how Ecology accesses final status occurrence reports. | J. Zeisloft | 7/26/01 | NEW |
| AS-00-009 | 4/27/00 | ALL | Provide status of Change request to TPA | J. Zeisloft | 5/25/00 | CLOSED |
| AS-00-014 | 11/30/00 | 222-S | Section 6 (QA) permit resources have been identified for | L. Borneman | 12/30/00 | CLOSED |

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
7/05/01

Attachment 2
222-S Lab Operations Report
WSCF Operations Report
Notice of Public Comment

MONTHLY OPERATION STATUS

222-S LABORATORY

D. J. Hart

June 2001

Environment/Safety & Health

Compliance (NOC's, Inspections, etc.)/Permits/RCRA/CERCLA, etc.

Collodion Corrective Measure. Both 222-S and WSCF Laboratories are completing their actions for the Ecology Corrective Measure. WSCF has completed their waste designations and 222-S has one undesignated waste bottle. 222-S Laboratory continues to pursue information for this chemical. Packing instructions will be worked on a high priority basis. Both 222-S and WSCF Laboratories have identified follow-up corrective actions that will be tracked in each facilities. The Corrective Measure report is expected to be Ecology on July 2, 2001.

222-S Laboratory experienced a power outage on Monday June 25, 2001. This was apparently caused by a ground fault at the motor control center. The Emergency Response Organization was called in to service and the 222-S Laboratory building was evacuated. A cooperative effort consisting of Engineering, Maintenance, Operations, and Radcon worked to troubleshoot the problem. Crews worked into swing shift to restore services to the facility. During the course of troubleshooting the cause of the problem could not be determined.

A procedure to remove sodium from samples prior to Inductively Coupled Plasma (ICP) and Inductively Coupled Plasma/Mass Spectrometer (ICP/MS) analysis has been approved for use as a Blue User. Laboratory experiments have been initiated. This work is funded as a Supplemental Environmental Project (SEP) to reduce the volume of waste produced during sample analysis in 222-S Laboratory. Sodium will be removed from liquid samples prior to analysis which will reduce the need for sample dilution prior to analysis, reduce the number of re-runs required while improving detection limits and data reliability. The technology is expected to improve selected radiochemical methods because cesium is removed along with sodium.

The facility has continued to operate satisfactorily since the time when power was restored. A consultation will be made with other site authorities to determine if additional areas need to be follow-up on. Unless that reveals an area not addressed no further action is planned

Operations

222-S Laboratory Building Operations was heavily involved during the week and the weekend with the 222SB Filter Building Entry providing lock and tag and safety oversight to clean out and prepare the area for the HEPA filter change coming up in the near future. More material was found in the center section of the building than was expected so a second cleanout entry will be necessary. The electrical ECN was completed and the filter hold-down bolt threads were chased and lubricated. No significant contamination was found.

An informal Enhanced Work Planning meeting was held with very good facility input and an AJHA has been completed for the work to support the ICP-MS installation in Room 1L. The appropriate permits and reviews have been completed to allow work to start. Demolition is scheduled to begin June 25. Air conditioning installation will begin upon completion of the demolition effort, which is expected to take two weeks.

The analytical report for the ETF Drum powder project was issued. This report has been on the backlog list for nearly six months.

Continued validation and narrative preparation on the 241-SY-103 report this week. There are "last minute" reruns associated with that report. If so, they will be prioritized high for the analytical groups to run.

Issued the report for 241-AY-102 grabs and core samples that is part of the caustic program activities.

The report for 241-AP-107 grab sample has been released. This brings to 10 the number of grab samples completed toward the CHG PI of 12. One is in house for analysis (241-AP-104) and one still to be settled.

The 276-S Hexone tank project letter report was issued on June 4, 2001, for Bechtel Hanford Inc. (BHI).

The final report for 233-S SDG#9 for BHI was ready for issuance on June 7, 2001. The report contained results for Neptunium-237 by ICP/MS because they were available by the report release date. This was previously agreed to be reported via a LABCORE summary report at a later date. On June 6, 2001, BHI requested additional analysis for U-238, which will require another ICP/MS run. The report will be delayed, and the work is currently not scheduled for next week.

Building entries to change 96 HEPA filters in 222-SB and finish debris cleanup activities is planned for the period July 4, 2001 through July 8, 2001. Dedicated crews have been established and will work 12-hour shifts. There will be approximately 12-15 people of various crafts involved. The first phase of the work was done June 22-24, 2001 with electrical upgrades, bolt repairs and debris removal.

Completed transfer of 3440 gal of waste from 219-S to Tank Farms this was a team effort encompassing every group in the lab as well as multiple groups at CHG. The importance of this effort was that the transfer was required to be completed by June 15th due to TSR restrictions at Tank Farms. Additionally, without this transfer sampling analysis would have been curtailed due to our inability to stage future liquid waste

Demolition crews started working in of Room 1L on June 27, 2001 in preparation for ICP-MS installation. Argon System was tagged out today which means currently the ICP-MS cannot run. With a minimal backlog this outage does not appear to be a problem. Next week, however the ICP-MS will be required to be on line and running samples.

WSCF Monthly Report to Ecology-July 2001

OPERATIONS

The revised MOU with LWPF was signed. This completes nearly nine months of discussions back and forth between WSCF and LWPF to resolve permit issues, working to revised EPA methods and more descriptive QA requirements.

WSCF participated in the site TRU software audit. No findings or observations identified. One exemplary practice associated with control of spreadsheets was noted in the audit report.

Construction forces completed installation of the concrete moisture barrier along the front of building 6266. This should correct the problem with water intrusion into the Spectroscopy room in the basement.

WSCF performed a planned ventilation outage on 6/7/01 swing shift and 6/8/01 to address punch list items remaining from HVAC upgrades. The system was returned to service by COB 6/8/01. Work was completed outside normal operating hours; therefore there were no impacts to the client base.

WSCF has identified and submitted it's plan to reduce electrical consumption by 10% to the coordinators of the Energy Management Program, based on the call to support energy conservation by Fluor Hanford Company.

Analytical Services Project personnel met with a team led by Mike Grygiel of Management Systems to initiate a pilot program at WSCF to evaluate requirements management. ASP and the team agreed to further analyze existing requirements in the areas of Maintenance, Radcon, IS&H, and CAMS.

Chiller compressor #1 on the 6266 building North Laboratory ventilation system shut down at approximately 1500 hours on June 20th. The York vendors worked on the chiller system all week and have returned chiller compressor #2 to services; it is now the primary unit for the system. The vendors also performed preventative maintenance on compressor #3 and returned it to service. Compressor unit #1 was found to be non-repairable and will have to be replaced. The old compressor was removed and staged at the 6265 building. There are now four old compressors staged on the 6265 storage pad awaiting return to the factory.

ENVIRONMENT/SAFETY & HEALTH

The stack sampling system has gone out. WSCF is required by the WDOH Notice of Construction to obtain two samples per quarter. Since this is the end of the second quarter, we have until September to repair the unit. Engineering is coming up with an alternative way to pull a sample to ensure we meet our sampling requirements.

WSCF passed the most recent round of environmental lead proficiency testing (ELPAT) program with a 100 percent score on 12 samples including paint chips, soil and dust wipes.

WSCF has received the preliminary results of its beryllium proficiency testing for the first quarter 2001. WSCF has recently begun participation in this beryllium round robin exchange program administered by BWXT, a Bechtel company in Oak Ridge, Tennessee.



Public Comment to be Sought on Modification of Hanford Site-Wide Dangerous Waste Permit

The Washington State Department of Ecology (Ecology) is considering a modification to the Hanford Site-Wide Dangerous Waste (RCRA) Permit. Modifications of this type are made on an annual basis to incorporate newly permitted units into the Site-Wide Permit. This proposed modification will add the 222-S Laboratory Complex to the Permit.

The 222-S Laboratory Complex is an existing treatment and storage facility located within Hanford's 200 West Area. Its current mission is to provide analytical chemistry services in support of Hanford Facility waste management units, reprocessing units, environmental monitoring programs, treatability studies, and on-site generating units and off-site generator activities.

How you can be involved

A public comment period for the proposed modification will begin on July 25, 2001 and run through September 10, 2001. All comments received during the public comment period will be considered and responded to before a final decision is made on the proposed modification.

A public hearing will be held if there is a significant degree of public interest in this proposed modification. Notice of any such hearing will be given at least thirty (30) days before the hearing is held. Requests for a public hearing should be made in writing and sent to Brenda Becker-Khaleel, Department of Ecology, Nuclear Waste Program, 1315 W. 4th Avenue, Kennewick, WA 99336-6018, bbec461@ecy.wa.gov.

Prior to the opening of the public comment period, documents relating to the proposed modification will be available for review at the public information repositories listed below. These documents will also be available at the Nuclear Waste Program web site: <http://www.ecy.wa.gov/programs/nwp/>. For additional information, contact Brenda Becker-Khaleel at (509) 736-3003, bbec461@ecy.wa.gov or call the Hanford Cleanup Hotline toll-free at 800-321-2008.

If you have special accommodation needs, please contact Tim Hill: (509) 736-3026 (voice), (509) 736-3039 (TDD) or tihi461@ecy.wa.gov (e-mail).

Hanford Information Repositories

Richland
U.S. Department of Energy
Public Reading Room
WSU, Tri-Cities
100 Sprout Road,
CIC Room 101L
Richland, WA 99352

Portland
Portland State University
Branford Price Millar
Library
Science and Engineering
Floor
934 SW Harrison
Portland, OR 97207

Seattle
University of Washington
Suzzallo Library
Government Publications
Room
Seattle, WA 98195

Spokane
Gonzaga University
Foley Center
E. 502 Boone
Spokane, WA 99258

<http://www.ecy.wa.gov/programs/nwp/>

**Get
Involved**

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author
L. E. Borneman
373-2821

Addressee
Distribution

Correspondence No.
FH-0104531

Subject: 222-S PROJECT MANAGERS' MEETING AND MISCELLANEOUS LAB ISSUES
(TSD: TS-2-1), JUNE 2001

DISTRIBUTION

| Approval | Date | Name | Location | w/att |
|----------|------|--|-----------------------------------|-------|
| | | Correspondence Control | A3-01 | X |
| | | <u>Fluor Hanford, Inc.</u> | | |
| | | Administrative Record | T6-12 ^{H6-08} | X |
| | | L. E. Borneman | T6-14 | X |
| | | D. B. Hardy | S3-30 | X |
| | | D. J. Hart | T6-14 | X |
| | | J. L. Nuzum | S3-28 | X |
| | | G. J. Warwick | S3-30 | X |
| | | 222-S Regulatory File | T6-14 | X |
| | | WSCF Regulatory File | S3-30 | X |
| | | <u>US. Department of Energy</u> | | |
| | | <u>Richland Operations Office</u> | | |
| | | J. Zeisloft | | |
| | | E. M. Bowers | A2-15 | X |
| | | | A2-15 | X |
| | | <u>Washington State Department of Ecology</u> | | |
| | | T. Z. Gao | | |
| | | F. Jamison | | |
| | | D. G. Singleton | B5-18 | X |
| | | J. W. Yokel | B5-18 | X |
| | | | B5-18 | X |
| | | | B5-18 | X |

L. E. Borneman 8/27/01